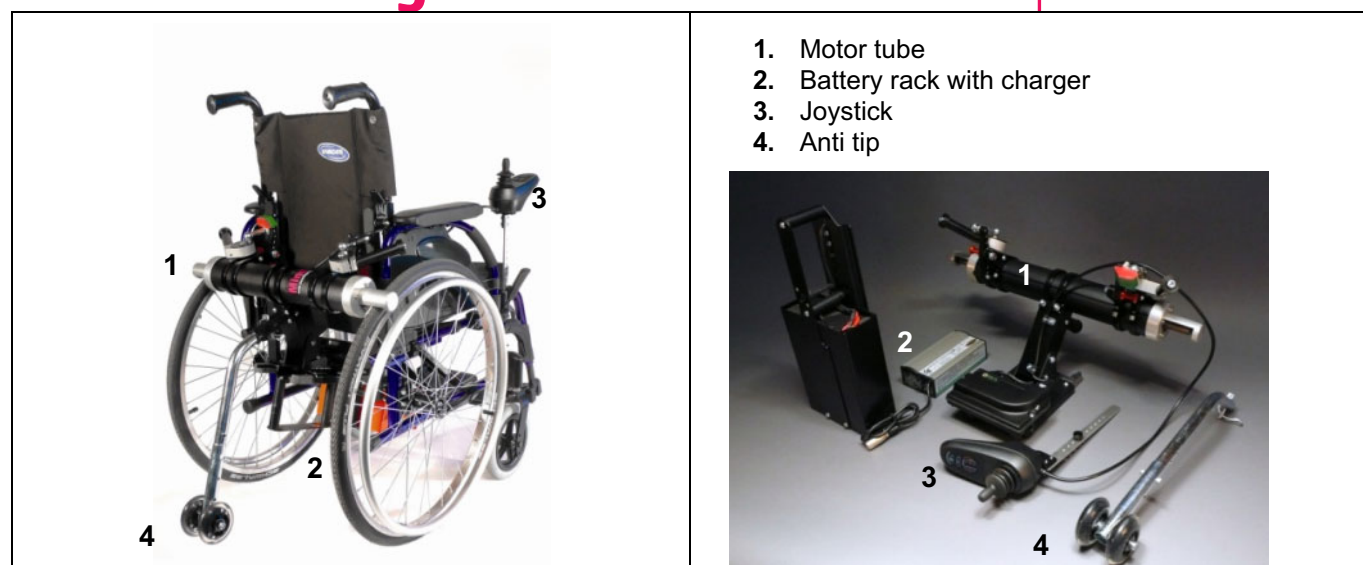


'Light Drive' – Technical Specifications



Controller : 2 types of joystick



VR2



VSI



A pair of hook plates and a joystick bracket are fixed to the wheelchair. The wheelchair can be folded as normal.

The motors

The 'Light Drive' motors are equipped with electromagnetic brakes

Motors	Total weight according to joystick
Standard version: 2 x 24v x 100w	VR2 : 8.4 kg
	VSI : 7.8 kg
Lightweight version* : 2 x 24v x 80w	VR2 : 7.8 kg
	VSI : 7.2 kg

**The lightweight version is intended for people weighing less than 55 kg (8 _ stone) who use their wheelchair on 'normal' terrain. This reduces the weight of the motor tube by 600 g.*

Battery racks

Model	Weight	Autonomy*	Charge Time	Lifespan
Lead 10Ah 24v	8.5 kg	7 to 9 km	10h	200 cycles (1 to 3 years)
NiMH 8Ah 24v	3 kg	6 to 8 km	4h	600 cycles (2 to 7 years)
NiMH 13.5 Ah 24v	6 kg	10 to 15 km	7h	600 cycles (2 to 7 years)

**dependent on conditions such as terrain, temperature and weight of the user.*

Miscellaneous

Adaptable wheelchairs	Installation possible on virtually all chairs from 25 cm seat width (9 _ inches).
Maximum weight advised	Approx 100 kg (16 stone) for optimum performance, but can go up to 120 kg (19 stone).
Climb	20% (12°) for a person weighing 70kg (11 stone).
Speed	Adjustable between 0-10 km/h (0-6mph).
Tyres	We recommend Marathon Plus from Schwalbe as they offer excellent traction with our system and have a very thick layer of puncture resistant material. Solid tyres are not compatible.
Front castors	We recommend castors no smaller than 6" in diameter.